



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

## **PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**PGT Industries**  
**1070 Technology Drive**  
**Nokomis, FL 34275**

Your application for Notice of Acceptance (NOA) of:

**Series "ATW-400" Aluminum Awning Window ( Single Vent)**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0712.03**  
**EXPIRES: 01/17/2007**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 01/17/2002**

**PGT Industries**

**ACCEPTANCE No. : 01-0712.03**

**APPROVED : January 17, 2002**

**EXPIRES : January 17, 2007**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1** This approves an aluminum awning window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1** The Series "ATW-400" Aluminum Awning Window (Single Vent) and its components shall be constructed in strict compliance with the following document: Drawing No. 443, Sheets 1 through 4 of 4, titled "Single Vent Alum Awning Windows", prepared by manufacturer dated 06/22/01 and last revised on 10-18-01, signed and sealed by Robert L. Clark, P.E. , bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1** This approval applies to single unit applications only, as shown in approved drawings.

**4. INSTALLATION**

- 4.1** The aluminum awning window and its components shall be installed in strict compliance with the approved drawings.
- 4.2** Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

**5. LABELING**

- 5.1** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1** Application for building permit shall be accompanied by copies of the following:
- 6.1.1** This Notice of Acceptance.
- 6.1.2** Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda  
Ishaq I. chanda, P.E., Product Control Examiner  
Product Control Division

**PGT Industries**

**ACCEPTANCE No. : 01-0712.03**

**APPROVED : January 17, 2002**

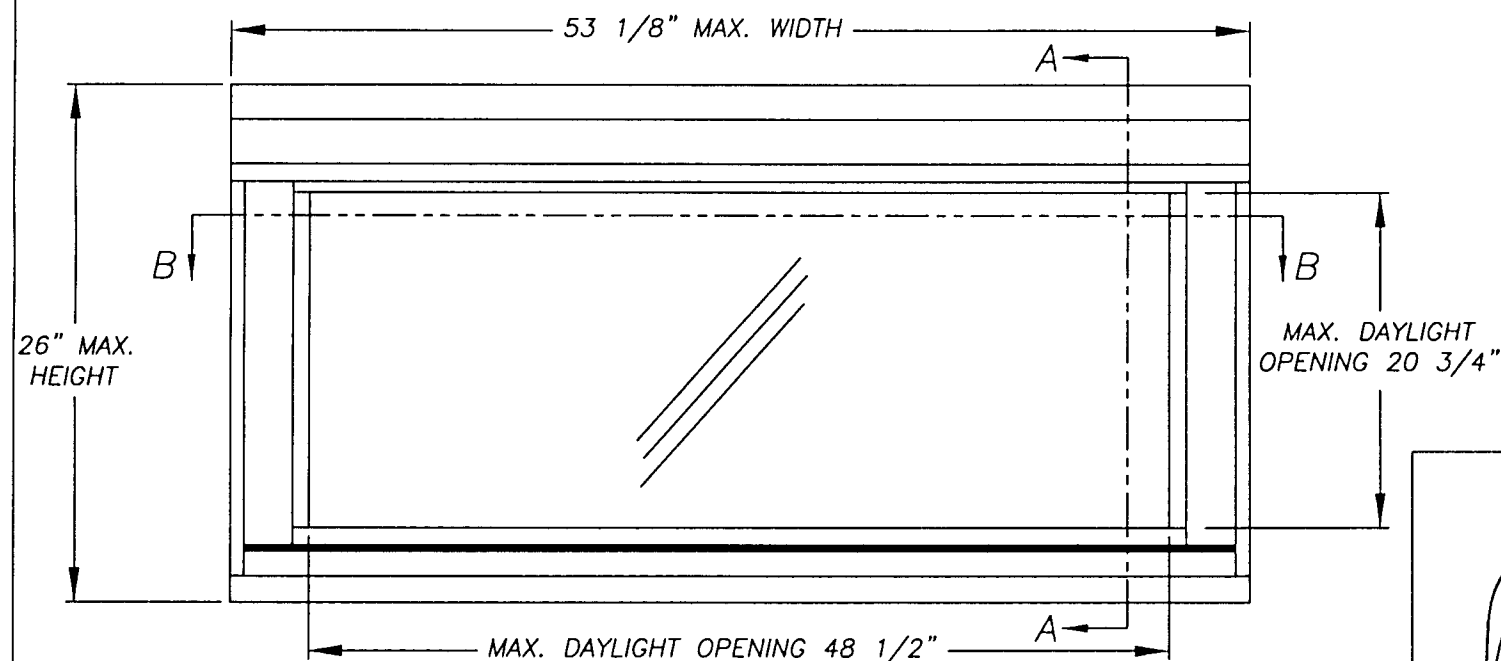
**EXPIRES : January 17, 2007**

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**

Ishaq I. Chanda  
Ishaq I. chanda, P.E., Product Control Examiner  
Product Control Division



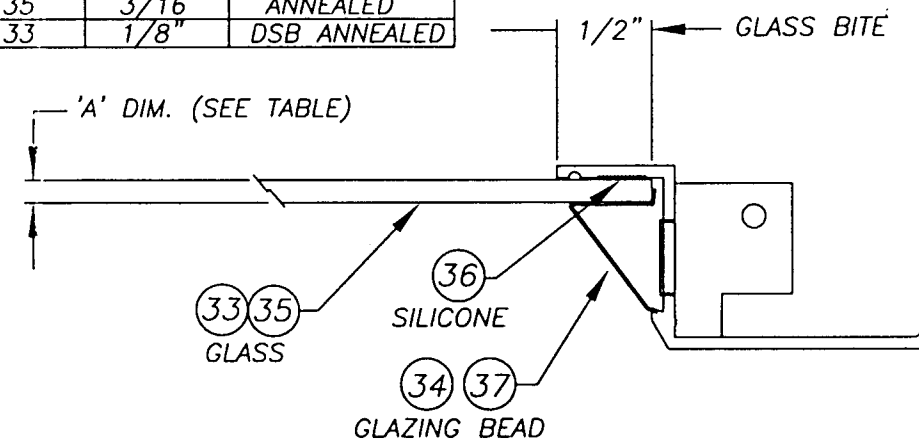
## NON-IMPACT WINDOWS

- 1.) CONFIGURATION: X
- 2.) MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 3.) PRESSURES UNDER 40 P.S.F. NOT APPLICABLE IN MIAMI-DADE COUNTY

COMPARATIVE ANALYSIS NOTES:

1. NUMBERS IN ( ) PARENTHESES ARE QUANTITY OF ANCHORS PER SIDE.
2. NEGATIVE DESIGN LOADS BASED ON COMPARATIVE ANALYSIS & GLASS TABLE ASTM E1300.
3. POSITIVE DESIGN LOADS BASED ON COMPARATIVE ANALYSIS & WATER TEST PRESSURE.
4. NUMBERS ARE FOR #10 SCREWS OR 3/16" TAPCONS.  
(#12 SCREWS MAY BE SUBSTITUTED)
5. ANCHORS 4" MAX. FROM CORNERS AT HEAD.
6. ANCHORS 4 3/4" MAX. FROM CORNERS AT JAMBS.
7. ANCHOR SPACING - MAX. 22 1/2" AT HEAD.
8. ANCHOR SPACING - MAX. 16 1/2" AT JAMBS.

GLASS THICKNESS		
ITEM	DIM 'A'	GLASS TYPE
35	3/16"	ANNEALED
33	1/8"	DSB ANNEALED



### GLAZING DETAIL

COMPARATIVE ANALYSIS FOR: 3/16" ANNEALED GLASS  
TEST REPORT: FTL-3050 A2

WIDTHS	HEIGHTS			
	23.750 (2)	24.000 (2)	25.000 (2)	26.000 (2)
19.125 (2)	-49.8	-49.0	-45.8	-43.0
	40.0	40.0	40.0	40.0
24.000 (2)	-47.9	-46.9	-43.3	-40.2
	40.0	40.0	40.0	40.0
32.000 (3)	-47.9	-46.9	-43.3	-40.0
	40.0	40.0	40.0	40.0
40.000 (3)	-47.9	-46.9	-43.3	-40.0
	40.0	40.0	40.0	40.0
44.000 (3)	-47.9	-46.9	-43.3	-40.0
	40.0	40.0	40.0	40.0
48.000 (3)	-47.9	-46.9	-43.3	-40.0
	40.0	40.0	40.0	40.0
53.125 (4)	-42.6	-42.3	-41.1	-40.0
	40.0	40.0	40.0	40.0

COMPARATIVE ANALYSIS FOR: DSB ANNEALED GLASS  
TEST REPORT: FTL-3050 A1

WIDTHS	HEIGHTS			
	23.750 (2)	24.000 (2)	25.000 (2)	26.000 (2)
19.125 (2)	-43.6	-42.8	-40.1	-37.6
	40.0	40.0	40.0	37.6
24.000 (2)	-41.9	-41.1	-37.9	-35.2
	40.0	40.0	37.9	35.2
32.000 (3)	-41.9	-41.1	-37.9	-35.0
	40.0	40.0	37.9	35.0
40.000 (3)	-41.9	-41.1	-37.9	-35.0
	40.0	40.0	37.9	35.0
44.000 (3)	-41.9	-41.1	-37.9	-35.0
	40.0	40.0	37.9	35.0
48.000 (3)	-39.0	-38.7	-37.8	-35.0
	39.0	38.7	37.8	35.0
53.125 (4)	-34.3	-33.8	-33.0	-32.3
	34.3	33.8	33.0	32.3

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE January 17, 2002  
BY Ishaq I. Chaudh  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0712-03

11/29/01

Robert L. Clark, P.E.  
PE #39712  
Structural



**PGT**  
**INDUSTRIES**

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275

P.O. BOX 1529  
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 10/18/01	Revisions: PER LTR 10/12
Revsd By: F.K.	Date: 9/20/01	Revisions: REDRAWN
Drawn By: F.K.	Date: 6/22/01	

Description:

53 1/8" WIDE X 26" HIGH (DBL. CAM)

Title:

SINGLE VENT ALUM. AWNING WINDOWS

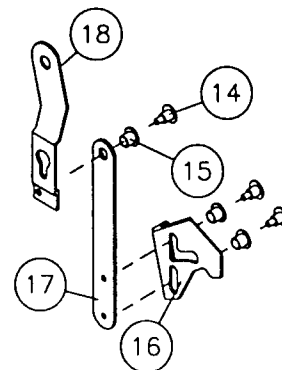
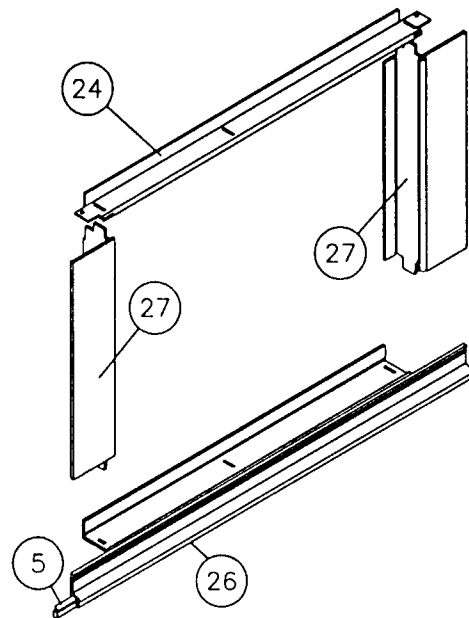
Series/Model:  
ATW-400

Scale:  
NTS

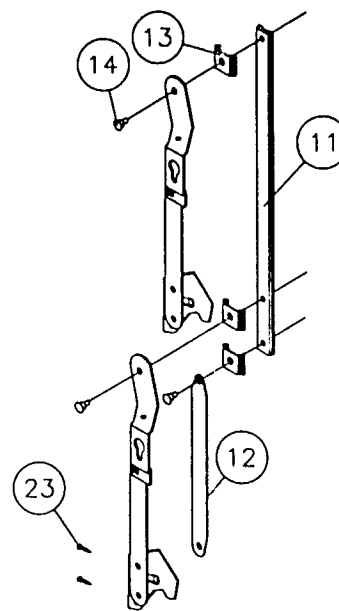
Sheet: 1 of 4

Drawing No.	443
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Rev:	B
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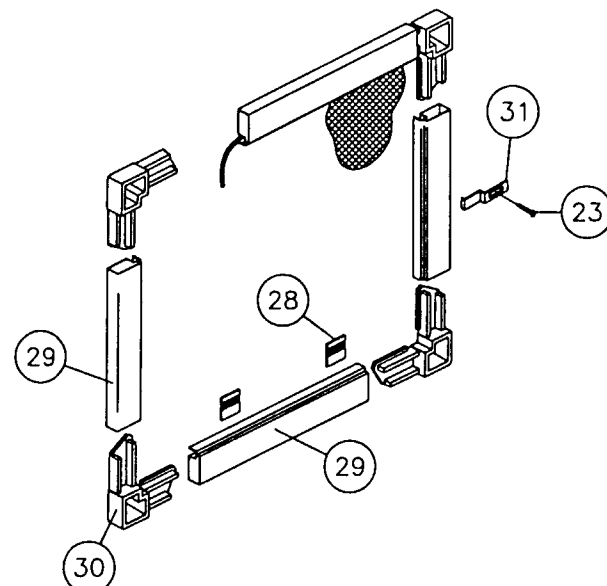


HINGE ASS'Y.

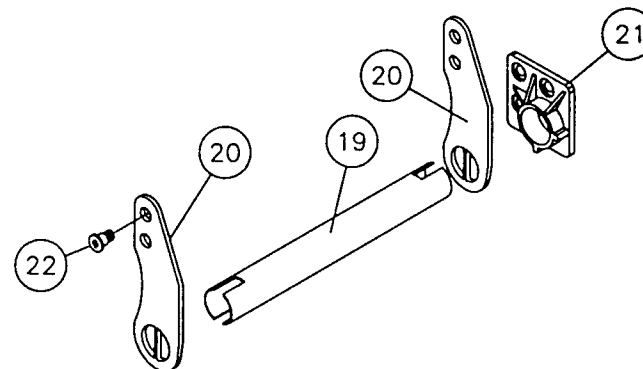


HARNESS ASS'Y.

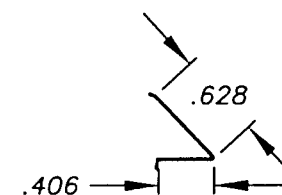
NOTE:  
ITEM #23 IS USED  
TO INSTALL HARNESS  
ASSEMBLY TO FRAME JAMB.



AWNING WINDOW  
VENT & SCREEN ASS'Y.

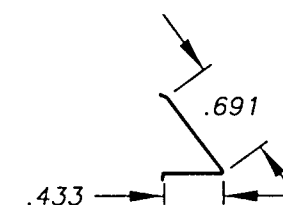


TORQUE BAR  
ASS'Y.



3/16 GLAZING BEAD

MAT'L: ALUM.  
DWG #2719



SSB/DSB GLAZING BEAD

MAT'L: ALUM.  
DWG #2712

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE Jan 17, 2002  
BY Ishaq I. Chaudhry  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO 01-0712-03

BILL OF MATERIAL					
MK.	DESCRIPTION	DWG #	PGT #	VENDOR	VENDOR #
1	FRAME HEAD	402	66391	6063-T6	42100
2	FRAME SILL	403	66392	6063-T6	42039
3	FRAME JAMB	404	66393	6063-T6	42040
4	#8 x 3/4 QUAD PN. SMS	1177	70834	SPENCER OR =	
5	WSTP. - VINYL BULB (HEAD/VENT)	1003	66601	TEAM PLASTICS	466-1
6	WSTP. - VINYL BULB (JAMB)	1004	66606	TEAM PLASTICS	466-6
7	WSTP. - VINYL BULB (TORQUE BAR)	1005	66605	TEAM PLASTICS	466-5
8	#6 x 5/16 PH. PN. SMS		7PPBA	FASTEC	
9	OPERATOR ASSY.		7OPR	TRUTH HARDWARE	
10	#10-24 x .500 PH. PN SMS		7PPFF	FASTEC	2AWOO
11	HARNESS SLIDE BAR	420	64124	6063-T5	42177
12	OPERATOR LINK	415-1	AWLONGLINK	5052 H34	X
13	SLIDE BAR GUIDE	418	42003	PGT	
14	HARNESS ASS'Y RIVET	422	7VT33M	5052/5056 H-32	625EG
15	CAM BUSHING	419	42001	PGT	
16	CAM LOCK LEFT/RIGHT	413-1	AWCAMLOCK	5052 H34	
17	VENT LINK	415-2	AWSHORTLINK	5052 H34	
18	VENT HANGER RIGHT/LEFT	412-1	AWVENTHANGER	6063-T5	
19	TORQUE BAR	416	6416M	6005-T6	45264
20	TORQUE BAR ARM	414-1	AWTORQUEARM	6063-T5	
21	TORQUE BAR BUSHING	417	42002	GLASS FILLED NYLON	
22	TORQUE BAR SHOULDER BOLT	X	X	X	
23	#10 x 1/4 PH. PN. SMS	1157	7PPBB	SPENCER OR =	
24	SASH TOP RAIL	405	642003	6063-T6	45152
26	SASH BOTTOM RAIL, LOWER SASH	408	642098	6063-T6	45149
27	SASH SIDE RAIL	429	642101	6063-T6	45151
28	SCREEN PULL TABS	1278	70409	ELASTOMETRIC PVC	TP-482
29	SCREEN FRAME	1014	61011	3105 H14	1011
30	SCREEN CORNER KEY	1013	41903	POLYPROPYLENE	X
31	SCREEN STRETCH CLIP	424	7VT65	6063-T5	VT-65
33	DSB GLASS		X	X	X
34	DSB GLAZING BEAD	2712	65200	X	X
35	3/16" ANNEALED GLASS		X	X	X
36	GE#2801 CLEAR COLORED SILICONE				
37	3/16" GLAZING BEAD	2719	65016	X	X

NON-IMPACT WINDOWS

- 1.) CONFIGURATION: X
- 2.) REFERENCE TEST REPORT: FTL-3050

Robert L. Clark, P.E.  
PE #39712  
Structural

**PGT**  
INDUSTRIES

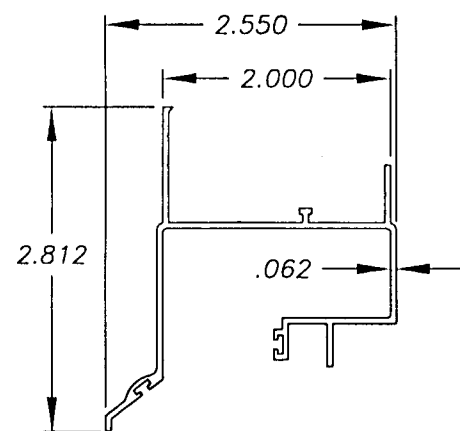
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 10/18/01	Revisions: PER LTR 10/12
Revsd By: F.K.	Date: 9/22/01	Revisions: REDRAWN
Drawn By: F.K.	Date: 6/22/01	

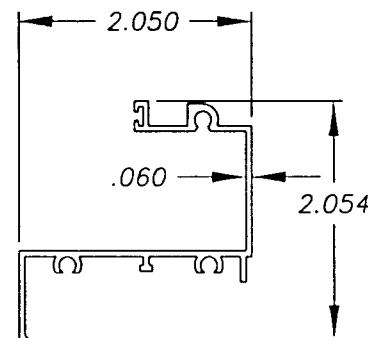
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EXPLODED VIEWS & PARTS LIST

Title:  
SINGLE VENT ALUM. AWNING WINDOWS

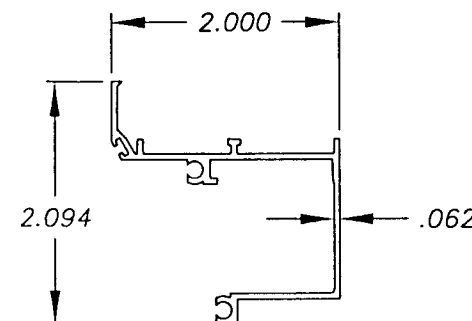
Series/Model: ATW-400	Scale: NTS	Sheet: 2 of 4	Drawing No. 443	Rev: B
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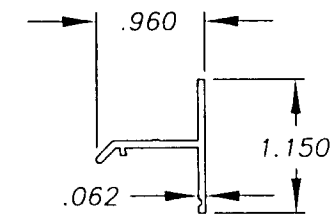
① FRAME HEAD  
MAT'L: 6063-T6  
DWG #402



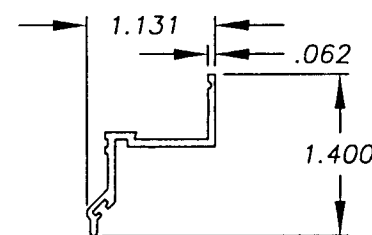
② FRAME SILL  
MAT'L: 6063-T6  
DWG #403



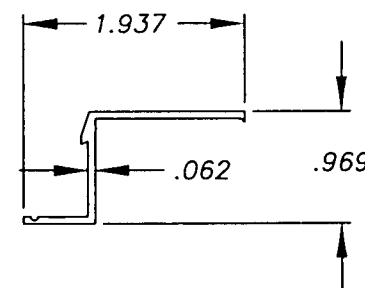
③ FRAME JAMB  
MAT'L: 6063-T6  
DWG #404



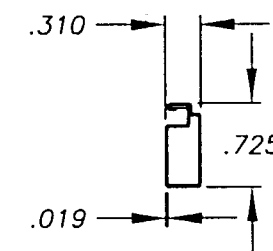
④ SASH TOP RAIL  
MAT'L: 6063-T6  
DWG #405



⑥ BOTT. SASH  
BOTT. RAIL  
MAT'L: 6063-T6  
DWG #408



⑦ SASH SIDE RAIL  
MAT'L: 6063-T6  
DWG #429



⑨ SCREEN FRAME  
MAT'L: 3105 H14  
DWG #1014

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE Jan 17, 2002  
BY Shaq L. L. Landa  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0712-03

*Robert L. Clark*  
11/29/01

Robert L. Clark, P.E.  
PE #39712  
Structural

**PCT**  
**INDUSTRIES**

1070 TECHNOLOGY DRIVE  
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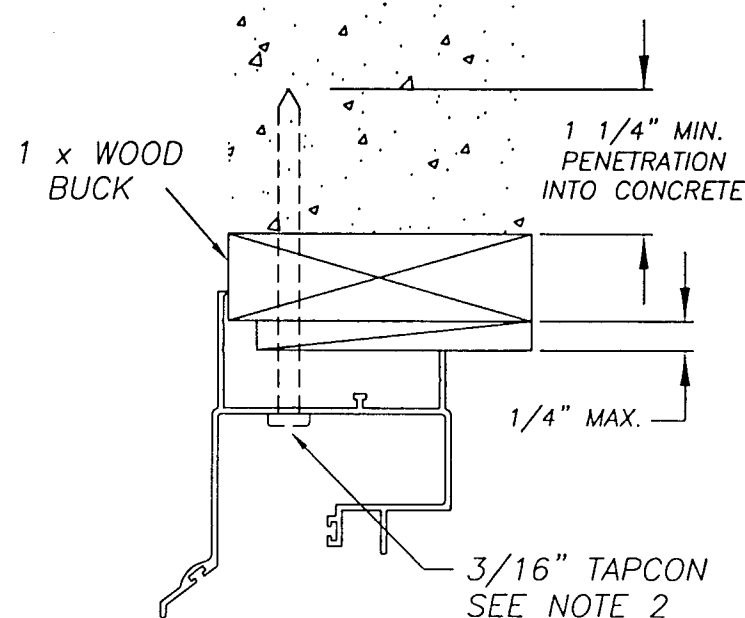
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EXTRUSION PROFILES

Title:  
SINGLE VENT ALUM. AWNING WINDOWS

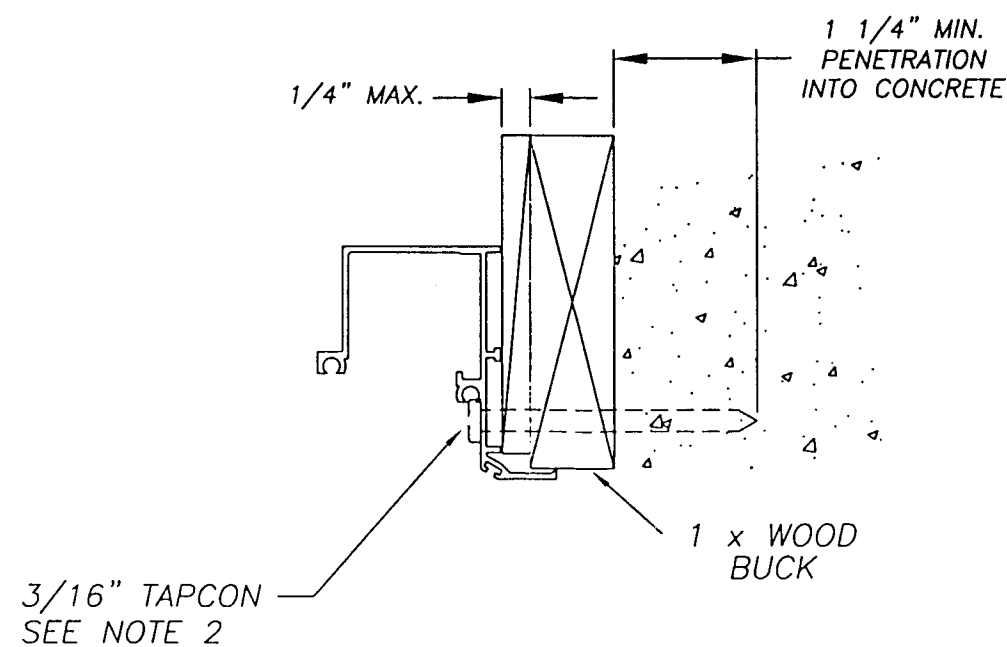
Series/Model: ATW-400	Scale: NTS	Sheet: 3 of 4	Drawing No. 443	Rev: B
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NON-IMPACT WINDOWS

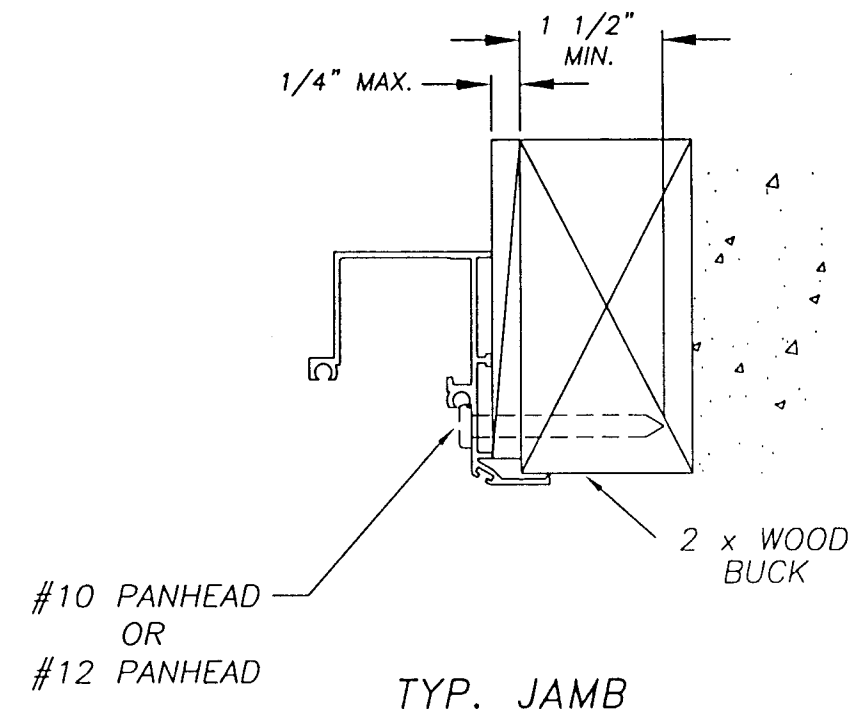
- 1.) CONFIGURATION: X
- 2.) REFERENCE TEST REPORT: FTL-3050



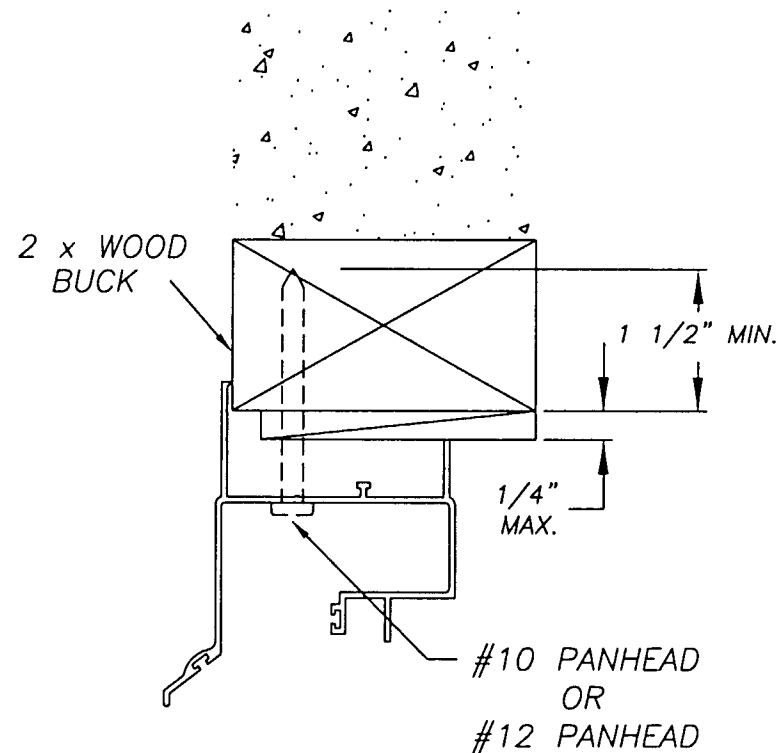
TYP. HEAD



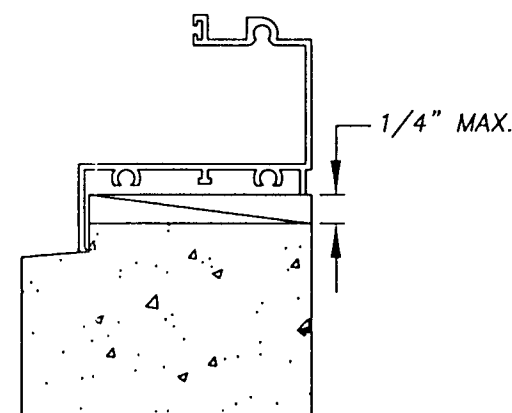
TYP. JAMB



TYP. JAMB



TYP. HEAD



TYP. SILL

NOTE: ANCHORS NOT REQUIRED IN SILL

NON-IMPACT WINDOWS

- 1.) CONFIGURATION: X
- 2.) USE MIAMI-DADE COUNTY APPROVED TAPCONS
- 3.) REFERENCE TEST REPORT: FTL-3050

*Robert L. Clark, P.E.*  
11/29/01  
Robert L. Clark, P.E.  
PE #39712  
Structural

**PGT**  
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Revsd By: F.K.	Date: 9/22/01	Revisions: REDRAWN
Drawn By: F.K.	Date: 6/22/01	

Description:  
ANCHORAGE DETAILS

Title:  
SINGLE VENT ALUM. AWNING WINDOWS

Series/Model: ATW-400	Scale: NTS	Sheet: 4 of 4	Drawing No. 443	Rev: B
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APPROVED AS COMPLYING WITH THE  
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DATE January 17, 2002  
BY Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
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ACCEPTANCE NO. 01-0712-03